



U.S. Department of Transportation
Federal Highway Administration

THERE'S STILL TIME. REGISTER TODAY!

REMEMBER: Registration for public seats will now close three (3) business days prior to the beginning of a scheduled session.

Using IHSDM

FHWA-NHI-380100

IHSDM is a suite of software analysis tools for evaluating safety and operational effects of geometric design decisions.

The IHSDM 2014 Release (v. 10.0.0; September 2014) includes a Crash Prediction Module (CPM) that implements draft Highway Safety Manual (HSM) Part C Predictive Methods for freeway segments and interchanges (freeway ramps, collector-distributor roads, and ramp terminals), as well as 1st Ed. HSM methods for two-lane rural highways, multilane rural highways, and urban and suburban arterials (www.fhwa.dot.gov/research/tfhrc/projects/safety/comprehensive/ihsdm/index.cfm).

IHSDM also includes five other safety evaluation modules applicable to rural two-lane highways: Policy Review, Design Consistency, Intersection Review, Traffic Analysis, and Driver/Vehicle.

NHI delivers Web Conference Training to you!

The IHSDM course is a training that gives participants the opportunity to use the IHSDM software tools to evaluate and analyze highway designs. The delivery format consists of 4 live Web Conference Trainings (WCT), which participants are required to attend. In between Web Conferences, participants must complete self-paced assignments.

Note: The sessions will still be held between 1 p.m.-3 p.m. Eastern all days.

2015 Schedule	Event
Prior to first session	Load and become familiar with the IHSDM Tool
Tuesday, 9/22/15 1-3 PM (ET)	Lessons 1-3, Live Web Conference
Between Sessions	Assignment: Data Input Activity (self-directed)
Friday, 9/25/15 1-3 PM (ET)	Lessons 4-5, Live Web Conference
Between Sessions	Assignment: Evaluation Activity 1 (self-directed)
Monday, 9/28/15 1-3 PM (ET)	Lesson 6-9, Live Web Conference
Between Sessions	Assignment: Evaluation Activity 2 (self-directed)
Thursday, 10/1/15 1-3 PM (ET)	Lesson 10-11, Live Web Conference * End of Course Assessment and Course Evaluation



OUTCOMES:

Upon completion of the course, participants will be able to:

- Explain the scope and uses for the IHSDM tool.
- Input highway data to IHSDM.
- Explain the purpose of each of the six IHSDM modules.
- Demonstrate the workflow for each IHSDM module.
- Interpret and apply data from IHSDM reports and graphs to make highways safer.

TARGET AUDIENCE:

The Using IHSDM course is designed for personnel working on highway design projects who will be directly interacting with the IHSDM software tools or applying the results. The IHSDM course benefits highway design project managers, planners, designers, safety engineers, and other personnel responsible for reviewing operations and safety on highways. Participants should have general familiarity with highway design elements and terminology.

Select this link to register for FHWA-NHI-380100 via our website!

If you have any questions about this training, please contact NHI at nhicustomerservice@dot.gov or [877.558.6873](tel:877.558.6873)